AEE(SSD)SBR 48/15-16

M. A. R. 57 (Rule 116)

Measurement Book

No. B 342210

Serial No. Bill No 01 & Final

BR 98/31-7-2015

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Improvements to foot paths in 6th cross Road at Vivekanand roads & other roads at Hallasandra in W.No 13 in Shettyhalli Sub-division. Est cost 18.00 Lakhs						
	JOB code 013-15-000012 P-code 1771						
	Work order No EE/DD/WO/336/14-15 dt 31.3.2015						
	Agency Sri G. Aswathappa						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurements recorded on						
	(1) Earth work Excavation by manual means in Ordinary Soils in volume an average horizontal throw upto 2 mt and an average lift upto 0.5 mt excavated surface levelled neatly after breaking clods complete as per Spn with all lead & lifts etc complete as per Specifications						
	Qty as per recorded vide pg no	item No (1) 342275 of this MB		pre measurements at TR		200.08 M³ TI=01	14206

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Measurement Book

No. B 342211

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) providing and laying in position plain cement-concrete 1 part 1 1/2 to 2 cement at 180 kg with 40 m.m & down size graded granite metal coarse aggregate at 0.86 m3 & fine aggregates at 0.58 m3 m/c mixed Concrete laid in layers not exceeding 15 cm thick well compacted in foundation & plinth in cluding cost of all materials labour T&P & m/c carry complete as per Sp(1)						
	Rate vide I.No (2) Pre measurements					41.88 m3	
	entered in P.No 342281 of this MB				at Th	4522/	189368=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(3) Removing B.S. Slab & drain & stacking with all lead & lifts etc Complete as per Spm Qty vide I.NO (3) Measurements entered in P.NO 342277 & this MB					237.30 M²	
						@TR 54/-	12814=0
	(4) Refixing Stone Slabs & drain and pointing in CM 1:3 with all lead & lifts etc Complete as per Spm Qty vide I.NO (3) Measurements recorded in P.NO 342277 & this MB					237.30 M²	
						@TR 71=00/	16849=0

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Measurement Book

No. B

342212

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	⑤ providing granite Slabs of Selected Quality roughly dressed and fixed in CM 1:6 including fixing cutting etc complete as per Sp.① Qtty vide I-NO ⑤ Measurements recorded vide p.NO 342222/1 of this MB					17.44 M2	
	⑥ providing and constructing precast-concrete Solid Blocks with Compressive Strength not less than 35 kg/M2 with CM 1:4 masonry (Provide Jaw Close Blocks)				at TA	590/-	10290=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	with Solid Concrete Blocks of Size 40x20x20 cms Confirming to I.S 2185 / 1965 in Super Structure including Cost of Materials Labour Charges Scaffolding Curing Complete as per Sp-1						
	qty as per item No (6) Pre Measurements recorded vide P.No 342 82/1 of this MB					248.16 M²	
	(7) providing and Constructing precast Concrete solid Block with compressive strength not less than 3.5 Newton / Sqmt with Cement mortar 1:4 masonry (Open, Jamb, Closed Blocks) with solid				at TR	927/-	230044=0

M. A. R. 57 (Rule 116)
Measurement Book

No. B

342213

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Concrete Blocks of Size 40×15×20cm Conforming to I-S 2185/1965 in Super Structure including Cost of materials Labour Charges Scaffolding Curing Complete as per Spn						
	Qty vide done as (7) pre measurements recorded Vide P.No 342282/ Item No B					268.16 M² at Rs 878/-	217886=00
(8)	Providing flush pointing to Square Rubble Coarse or Un Coursed Stone masonry with CM 1:3						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

342213

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Concrete Blocks of Size 40×15×20cm Confirming to I-S 2185/1965 in Super Structure including Cost of materials Labour Charges Scaffolding Curing Complete as per Sp:n						
	Qty vide item No (7) pre measurements recorded Vide P. No 342282/1 Jtem No B					268.16 M² at Rs 878/-	217986=00
	(8) Providing flush pointing to Square rubble Coarse or un coursed Stone masonry with CM 1:3						

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Measurement Book
No. B

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	~~16 mm dia~~ steel after cutting joints to depth of ~~20 mm~~ nicely bending in cleaning cost of Materials Labour curing complete as per Spl. Qty vide I.NO (8) pre-Measurements recorded vide P.NO 342 284/1 of this MB					248.16 M² at 7R 46/-	21342 = 0
	(9) providing and laying in position plain cement Concrete of Mix M15 with Cement at 240 kg with 20 m.m ~~%~~ down size graded granite metal coarse aggregate at 0.798 m³ ~~%~~ fine aggregate 0.454 m³ m/c mixed Concrete laid in layers not exceeding 15 cm thick well compacted in foundations						

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Measurement Book

No. B 342214

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	plinth & cills including Cost of all materials labour HOM of machinery Curing complete as per Sp'n						
	Qty vide I. NO (9) pre Head measurement recorded in P. NO 342284/1 of this MB					12.41 M²	
	(10) providing and laying reinforced cement precast slabs of mix c/c 1:1½:3 using 20 m.m ϕ down size graded Granite metal using HYSD 10 m.m dia				att'd	4971/-	61680=0 / 6690

Reference to last Measurement 8

f 2 =0

MEASUREMENT BOOK

Date	Full description; etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Steel at 100 mm c/c both ways complete as per Specification and direction of Engineer-in-Charge of work						
	6th cross from pipe line to dead end R/s						
		1x1	30.0	0.90	-	27.00 Mt	
		1x1	9.70	0.90	-	8.73 "	
		1x1	6.20	0.90	-	5.58 "	
		1x1	24.30	0.90	-	21.87 "	
		1x1	13.0	0.90	-	11.70 "	
		1x1	13.40	0.90	-	12.06 "	
		1x1	30.0	0.90	-	27.00 "	
		1x1	3.70	0.90	-	3.33 "	
	4/s						
	29/s						
							Csbe e 29/s

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Measurement Book

No. B 342215

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7th cross - flow pipeline to dead end R/s	1x1	17.40	0.90	—	15.66M2	
		1x1	14.20	0.90	—	12.78 "	
		1x1	8.70	0.90	—	7.83 "	
	L/s	1x1	20.0	0.90	—	18.00 "	
		1x1	2.80	0.90	—	2.52 "	
	29/5	1x1	30.0	0.90	—	27.00 "	
		1x1	30.0	0.90	-	27.00 "	
		1x1	8.00	0.90	—	7.20 "	
		1x1	9.80	0.90	—	8.82 "	

C/S & L 29/5

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st cross road R/s	1x1	4.60	0.90	—	4.14 M²	
		1x1	17.60	0.90	—	15.84 "	
		1x1	30.0	0.90	—	27.00 "	
		1x1	24.0	0.90	—	21.60 "	
	L/s	1x1	19.50	0.90	—	17.56 "	
		1x1	6.50	0.90	—	5.85 "	
	2nd cross road R/s	1x1	8.40	0.90	—	7.56 "	
		1x1	30.0	0.90	—	27.00 "	
	L/s	1x1	30.00	0.90	—	27.00 "	
		1x1	30.0	0.90	—	27.00 "	
		1x1	30.0	0.90	—	27.00 "	
	Nursery class Pepe Luis Road	1x40	0.60	0.90	—	21.60 "	
		1x20	0.60	0.90	—	10.80 "	

N 29/5

C/Sec 29/5

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Measurement Book

No. B 342216

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		~~1~~	~~3.00~~	~~0.60~~	~~0.90~~	~~16.2 m²~~	
		1 x 30	0.60	0.90	—	16.2 m²	
		1 x 50	0.60	0.90	—	27.00 m	
		1 x 35	0.60	0.90	—	18.90 m	
						562.59 m²	
					ALTA	1496/-	841072=00

(B) Disposal of debris to the final place of disposal with all lead & lift as per direction of the Engineer in charge of the work with lead 3 KM as clarified

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	loading and unloading charges by private vechicle qty vide I.NO ①					203.000 m³	
	Cbd etc				at th	73/	14606 =
						Total	163015 2 =
							163016
							29-5-15

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Measurement Book

No. B 342217

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1. Certified that the work done Satisfactorily 2. Certified that the debris removed from the work spot						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಬಾಣಸವಾಡಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						→ Sketch showing work done	

Audited and admitted for Rs. 1630164=00
Passed by Cheque for Rs. 1517463=00
(.....)
by adjustment Rs. 112701=00

Accounts Superintendent
B.B.M.P. Dasarahalli Division

Exe. Engineer

M. A. R. 57 (Rule 116)
Measurement Book

No. B 342218

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			60 Cross Road 60				
	Balawotswara Road						
	pipe Line Road		60.10				
	6th Cross Road		70.20				
			80.60				
	7th Cross Road		60.30				
						8.5	
						Cross Road 70.20	
							N

ಕಛೇರಿಯ ಉಪವಿಭಾಗ ಸಾಮಾನ್ಯಪಟ್ಟಿ ಮುಖಾನಗರ ಪಾಲಿಕೆ

Improvements to footpath